



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Gary Johnson and Wen Li	Attorney Docket No.:	34020/US
Serial No.	: 10/816,178	Group Art Unit	: 2816
Filed	: March 31, 2004	Examiner	: Not yet assigned
Title	: PHASE DETECTOR AND METHOD HAVING HYSTERESIS CHARACTERISTICS		

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73(b) AND POWER OF ATTORNEY**

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints EDWARD W. BULCHIS, Reg. No. 26,847; PAUL T. MEIKLEJOHN, Reg. No. 26,569; BRIAN C. PARK, Reg. No. 45,519; KIMTON N. ENG, Reg. No. 43,605; MICHAEL A. RAHMAN, Reg. No. 43,872; MARK W. ROBERTS, Reg. No. 46,160; DOUGLAS STEWART, Reg. No. 51,060; MARCUS SIMON, Reg. No. 50,258; RAYMOND M. ANANIAN, Reg. No. 35,050; EDWARD BACHAND, Reg. No. 37,085; JOHN F. BRADY, Reg. No. 39,118; DAVID J. BREZNER, Reg. No. 24,774; RONALD BROWN, Reg. No. 29,016; DAVID BRUHN, Reg. No. 36,762; ROBERT CHICKERING, Reg. No. 24,286; W. ROBINSON CLARK, Reg. No. 41,530; SHANE COLEMAN, Reg. No. 44,623; ANGELA DRALLE, Reg. No. 51,632; GREGORY DURBIN, Reg. No. 42,503; DANIEL FISHER, Reg. No. 34,162; DAVID FOSTER, Reg. No. 44,685; DAVID FRONEK, Reg. No. 25,678; MICHAEL GILCHRIST, Reg. No. 40,619; THERESA HANKES, Reg. No. 45,501; CRAIG HEMENWAY, Reg. No. 44,759; STUART HEMPHILL, Reg. No. 28,084; TIANJUN HOU, Reg. No. 51,821; JASON HUNT,

Reg. No. 53,048; S. WADE JOHNSON, Reg. No. 50,873; VICTOR E. JOHNSON, Reg. No. 41,546; JOHN KENNEDY, Reg. No. 42,717; RENEE KOSSLAK, Reg. No. 47,717; JENNIFER LANE, Reg. No. 51,916; BRIAN LAURENZO, Reg. No. 34,207; STEVEN LENDARIS, Reg. No. 53,202; KENNETH LEVITT, Reg. No. 39,747; TODD LORENZ, Reg. No. 39,754; JANET MACLEOD, Reg. No. 35,263; DIANE J. MASON, Reg. No. 43,777; CHARLES MATSON, Reg. No. 52,006; BIRGIT MILLAUER, Reg. No. 43,341; ALICIA MILLS, Reg. No. 46,933; EUK Y. OH, Reg. No. 54,345; LEE OSMAN, Reg. No. 38,260; DEVAN PADMANABHAN, Reg. No. 38,262; ANN MARIA PEASE, Reg. No. 42,067; STEVEN PEDERSON, Reg. No. 53,447; JAMES PINTO, Reg. No. 40,774; GARY POLUMBUS, Reg. No. 25,364; PAUL PRENDERGAST, Reg. No. 46,068; PAUL ROBBENNOLT, Reg. No. 52,169; TRACI H. ROPP, Reg. No. 44,307; SCOTT ROTHENBERGER, Reg. No. 41,277; GURJEEV SACHDEVA, Reg. No. 37,434; ROBIN M. SILVA, Reg. No. 38,304; SEAN SOLBERG, Reg. No. 48,653; GERALD SULLIVAN, Reg. No. 37,243; MARIA S. SWIATEK, Reg. No. 37,244; ALDO J. TEST, Reg. No. 18,048; BRUCE TRAUBEN, Reg. No. 46,392; RICHARD TRECARTIN, Reg. No. 31,801; RAYMOND VAN DYKE, Reg. No. 34,746; KYLE WAY, Reg. No. 45,549; MIN XU, Reg. No. 39,536; and the attorneys and agents associated with the firm of **DORSEY & WHITNEY LLP**, Customer Number 27,076, along with MICHAEL L. LYNCH, Reg. No. 30,871; WALTER D. FIELDS, Reg. No. 37,130; CHARLES B. BRANTLEY, II, Reg. No. 38,086; KEVIN D. MARTIN, Reg. No. 37,882; and DAVID J. PAUL, Reg. No. 34,692, of Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83716-9632, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to **Edward W. Bulchis** at (206) 903-8800 and telecopies to (206) 903-8820.


Please direct all communications to:

Edward W. Bulchis, Esq.  
**Customer No. 27,076**  
 Dorsey & Whitney LLP  
 1420 Fifth Avenue, Suite 3400  
 Seattle, Washington 98101  
 (206) 903-8800

Pursuant to 37 C.F.R. § 3.73(b), the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to MICRON TECHNOLOGY, INC., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MICRON TECHNOLOGY, INC.  
ASSIGNEE

8-11-04  
DATE

  
Michael L. Lynch  
Chief Patent Counsel

Enclosure:  
Copy of Assignment

h:\ip\documents\clients\micron technology\30000\34020us\34020us elect-post.doc



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gary Johnson and Wen Li

Serial No.: 10/816,178

Filed : March 31, 2004

For : PHASE DETECTOR AND METHOD  
HAVING HYSTERESIS  
CHARACTERISTICS

Docket No. 34020/US

Disclosure No. 03-1449

Group Art Unit 2816

ASSIGNMENT:

☒ Enclosed for recording

☐ Previously recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which was filed on March 31, 2004, and assigned Application No. 10/816,178 and is entitled "**PHASE DETECTOR AND METHOD HAVING HYSTERESIS CHARACTERISTICS**"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;



White

Date: 7/29/04

) SS.

County of Ala)

Liz Thomas  
Notary or Consular Officer  
My Commission Expires 3/21/09

h:\ip\documents\clients\micron technology\30000\34020us\34020us assign multi post.doc